



**WEATHER FORECAST FOR BN**

***15 - 18 APR 2020***



# WEATHER FORECAST – DHAKA

## 15.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 23	35 / 24	30 / 24	29 / 23
Wind	10 km/h SSE	11 km/h S	10 km/h S	10 km/h SSW
Humidity	51%	53%	69%	73%
Chance of Precip	5%	15%	14%	16%
Cloud Cover	42%	64%	76%	23%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 38 AM 6: 20 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 12.87 km

Ref: <https://www.wunderground.com/weather/bd/dhaka>



# WEATHER FORECAST – CHATTOGRAM

## 15.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 25	31 / 25	29 / 65	27 / 26
Wind	17 km/h SW	16 km/h SW	13 km/h SW	7 km/h SSW
Humidity	69%	71%	87%	95%
Chance of Precip.	1%	1%	6%	9%
Cloud Cover	10%	5%	34%	35%
Conditions	Sunny	Sunny	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 33 AM 6: 13 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 9.66 Km

Ref: <https://www.wunderground.com/weather/bd/chittagong>



# WEATHER FORECAST – KHULNA

## 15.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 25	34 / 26	29 / 26	28 / 26
Wind	15 km/h S	16 km/h S	14 km/h S	10 km/h S
Humidity	59%	63%	81%	88%
Chance of Precip.	16%	21%	12%	15%
Cloud Cover	41%	48%	44%	32%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 43 AM 6: 23 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 14.48 Km

Ref: <https://www.wunderground.com/weather/bd/khulna>



# GENERAL WEATHER FORECAST – DHAKA

Description	16 Apr 2020	17 Apr 2020	18 Apr 2020
<b>Temperature (C)</b>	32 °C/ 25 °C	35 °C/ 26 °C	33 °C/ 25 °C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h36m06s/18h20m36s	5h35m06s/18h20m54s	5h34m06s/18h21m12s
<b>Day Length</b>	12h44m30s	12h45m48s	12h47m06s
<b>Moon Rise/ Set</b>	01:39 AM 12:42 PM	2:21 AM 1:36 PM	3:00 AM 2:28 PM
<b>Moon Phase/ illu</b>	Waning Crescent, 34%	Waning Crescent, 25%	Waning Crescent, 17%
<b>NauticalTwilight</b>	0448,1909	0445,1911	0444,1911
<b>Civil Twilight</b>	0515,1843	0512,1844	0511,1844
<b>Humidity</b>	D : 76% N : 87%	D : 70% N : 82%	D : 75% N : 89%
<b>Barometer (mb)</b>	1008	1007	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	40%	50%
<b>Wind (mph)</b>	14 Km/h SSE	16 Km/h S	16 Km/h S

Ref: <https://weather.com/weather/5day//BGXX0003:1:BG>



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	16 Apr 2020	17 Apr 2020	18 Apr 2020
<b>Temperature (C)</b>	31°C/ 25°C	31°C/ 25°C	32°C/ 25°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h31m42s/18h13m24s	5h30m42s/18h13m42s	5h29m42s/18h14m00s
<b>Day Length</b>	12h42m42s	12h43m00s	12h44m18s
<b>Moon Rise/ Set</b>	01:39 AM 12:42 PM	2:13 AM 1:32 PM	2:52 AM 2:24 PM
<b>Moon Phase/ illu</b>	Waning Crescent, 34%	Waning Crescent, 25%	Waning Crescent, 17%
<b>NauticalTwilight</b>	0444, 1903	0441, 1903	0440, 1904
<b>Civil Twilight</b>	0511, 1835	0508, 1836	0507, 1837
<b>Humidity</b>	D : 78% N : 92%	D : 77% N : 90%	D : 75% N : 93%
<b>Barometer (mb)</b>	1010	1009	1010
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	17 Km/h SSW	20 Km/h SSW	18 Km/h SSW

Ref: <https://weather.com/weather/5day//BGXX0002:1:BG>



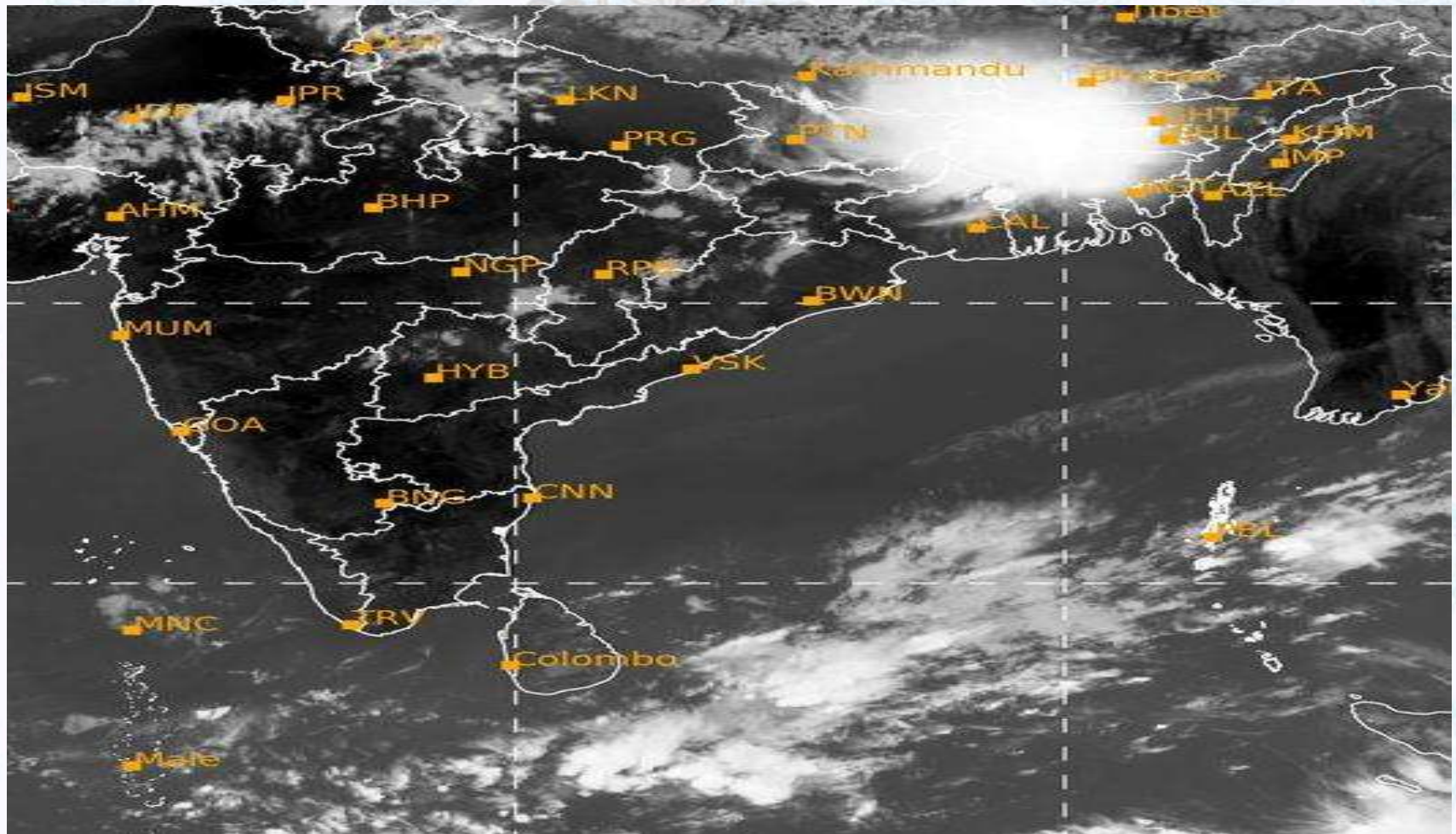
# GENERAL WEATHER FORECAST – KHULNA

Description	16 Apr 2020	17 Apr 2020	18 Apr 2020
<b>Temperature(C)</b>	35°C/ 25°C	37°C/ 27°C	34°C/ 26°C
<b>Summary</b>	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
<b>Sun Rise/Set</b>	5h40m24s/18h22m24s	5h39m24s/18h23m24s	5h38m24s/18h23m36s
<b>Day Length</b>	12h42m00s	12h44m00s	12h45m12s
<b>Moon Rise/Set</b>	01:39 AM 12:42 PM	2:24 AM 1:42 PM	3:03 AM 2:34 PM
<b>Moon Phase/illu</b>	Waning Crescent, 34%	Waning Crescent, 25%	Waning Crescent, 17%
<b>Nautical Twilight</b>	0453, 1912	0449, 1913	0448, 1913
<b>Civil Twilight</b>	0520, 1846	0516, 1846	0515, 1846
<b>Humidity</b>	D : 71% N : 84%	D : 65% N : 77%	D : 71% N : 84%
<b>Barometer (mb)</b>	1008	1007	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	60%	10%	50%
<b>Wind (mph)</b>	14 km/h S	17 km/h SSW	17 km/h S

Ref: <https://weather.com/weather/5day//BGXX0005:1:BG>



# SATELLITE VIEW OF BAY OF BENGAL



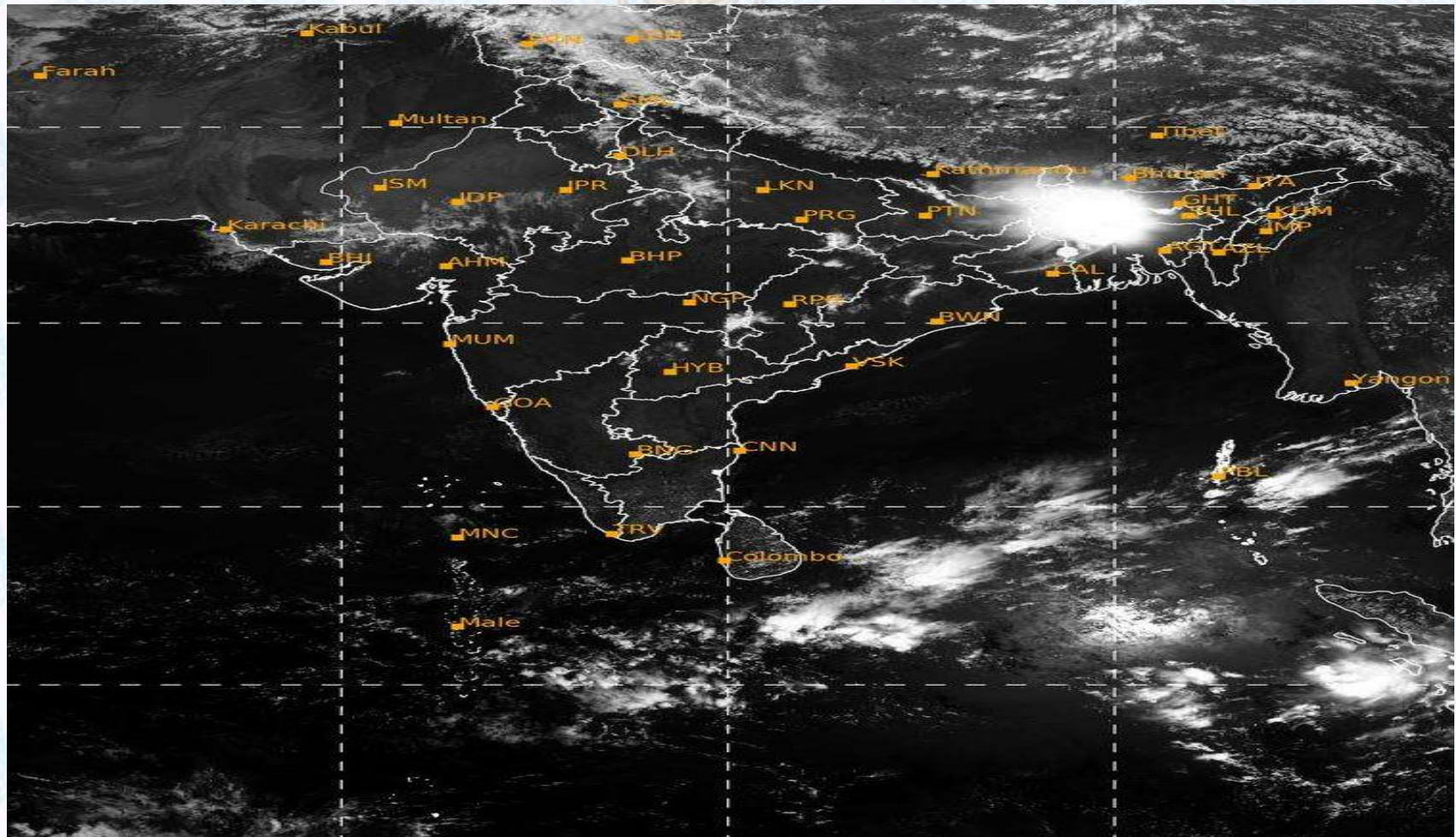
15/04/2020, 12:00 UTC MATSAT-IR

Ref: <http://satellite.imd.gov.in/insat.htm>





# SATELLITE VIEW OF BAY OF BENGAL



15/04/2020, 12:00 MATSAT-VIS

Ref: <http://satellite.imd.gov.in/insat.htm>



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 15.04.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	<b>SOUTH-WEST/WESTERLY, 08-12 KTS.</b>
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =15,0000 UTC. CHATTOGRAM =1011 HPA



# **Inland River Port Warning** **(VALID TILL 06 PM OF 15.04.2020)**

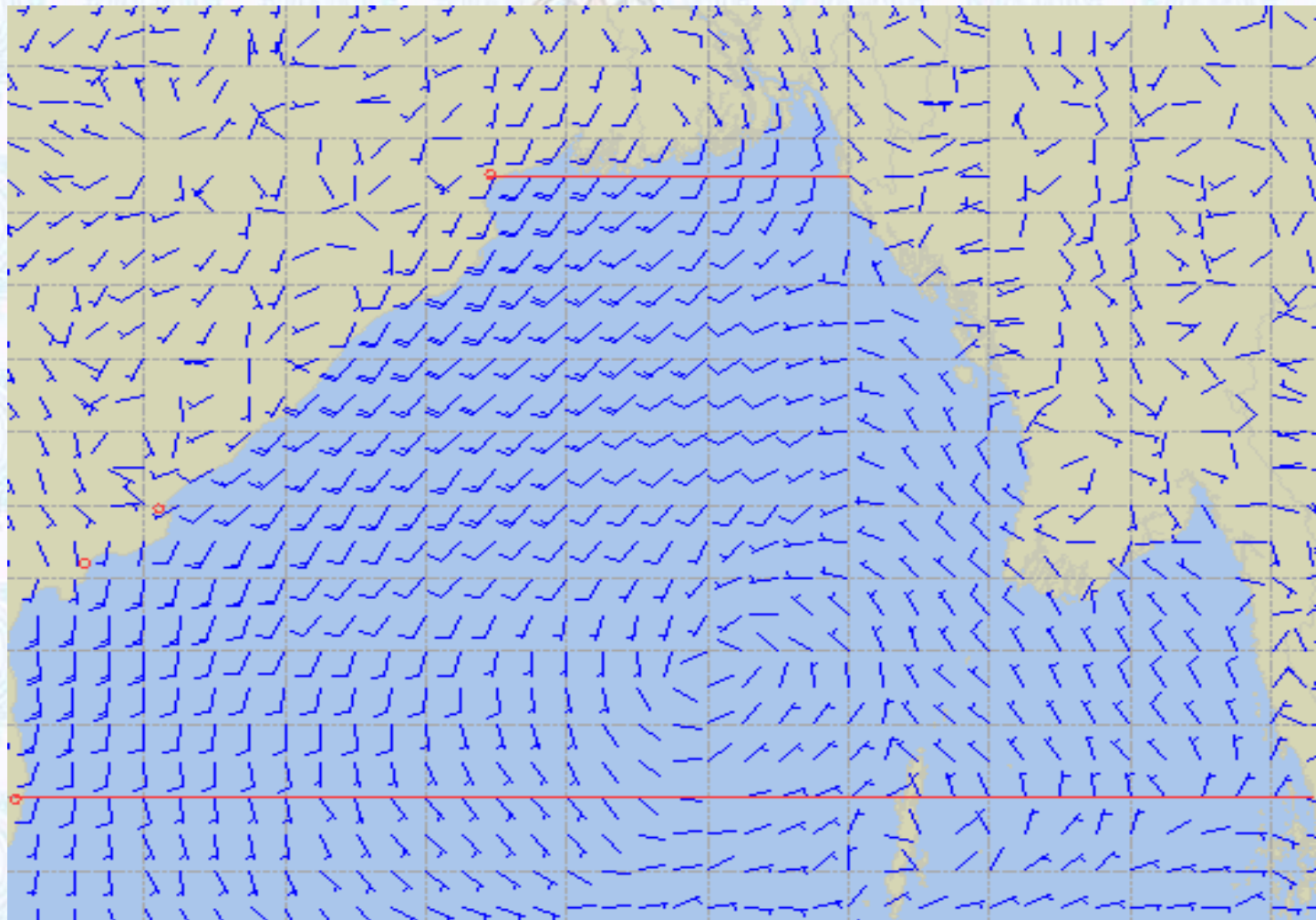
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY WEST/ NORTH-WESTERLY, SQUALLS SPEED 60-80 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, BOGURA, PUBNA, TANGAIL, MYMENSINGH, DHAKA AND SYLHET WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO.

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY WEST/NORTH-WESTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

Ref: <http://www.bmd.gov.bd/?/home>



# Surface Wind Forecast- 16 Apr - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



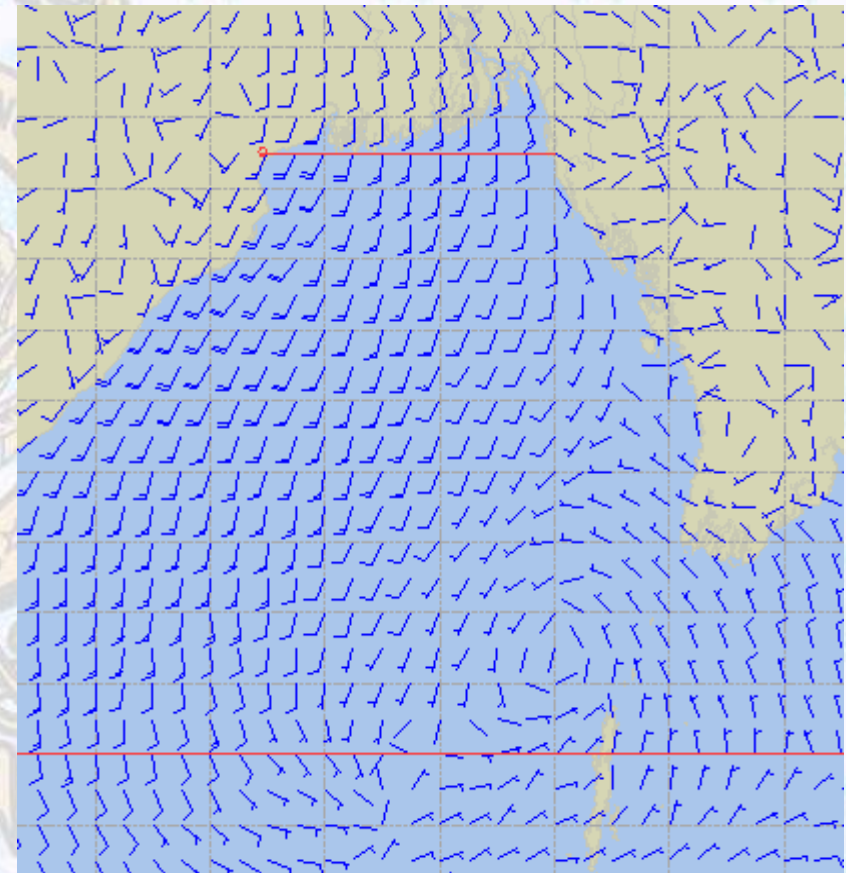
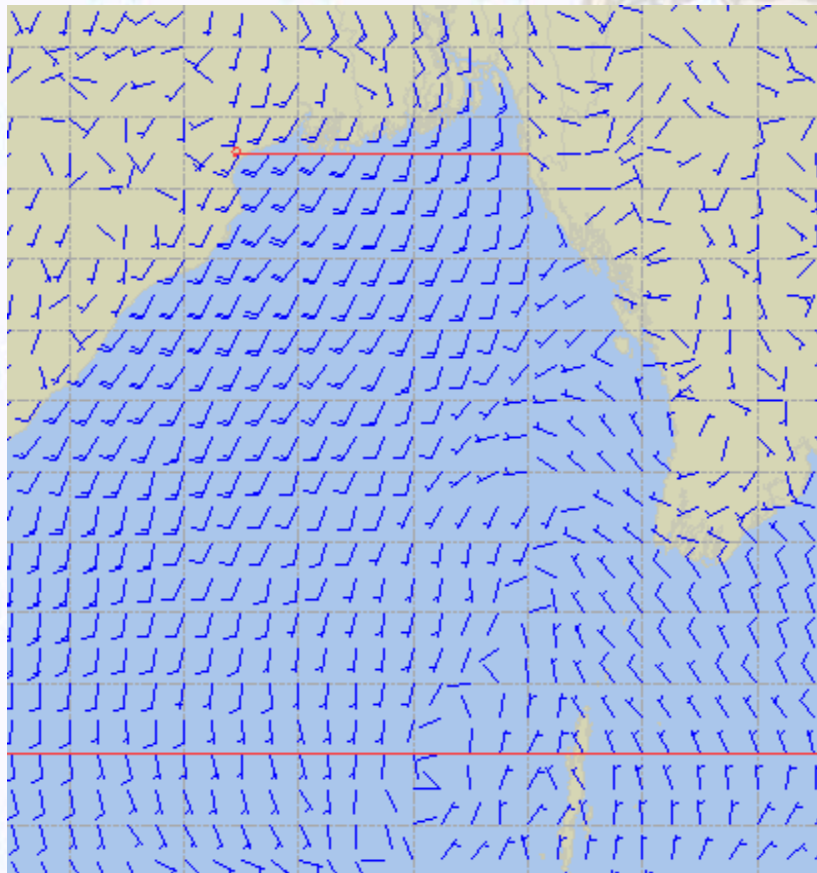
**60 Knots**



# Surface Wind Forecast –17 Apr & 18 Apr- 2020

17 Apr 2020 Friday

18 Apr 2020 Saturday



## Legend:



Calm  
Winds



5 Knots



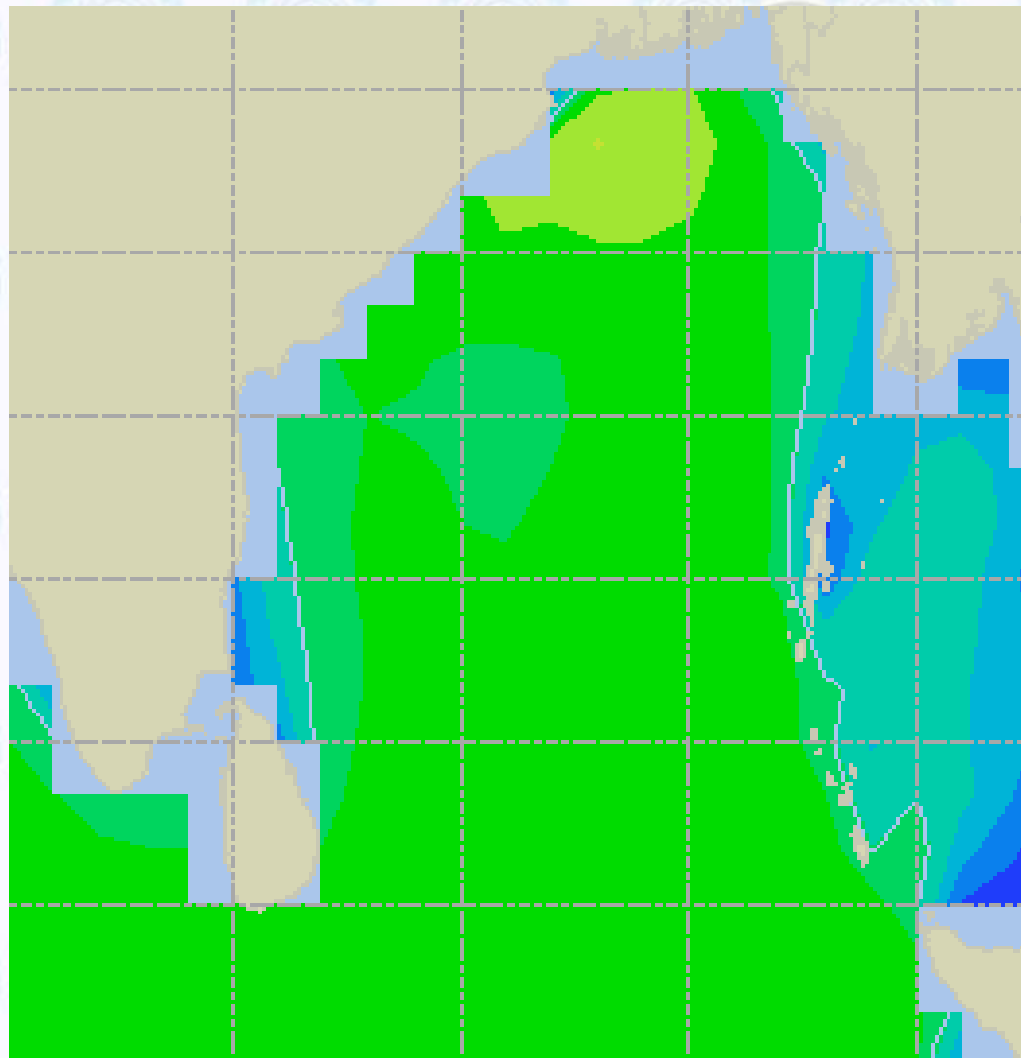
10 Knots



60 Knots



# Sea State Forecast - 16 Apr - 2020



Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14

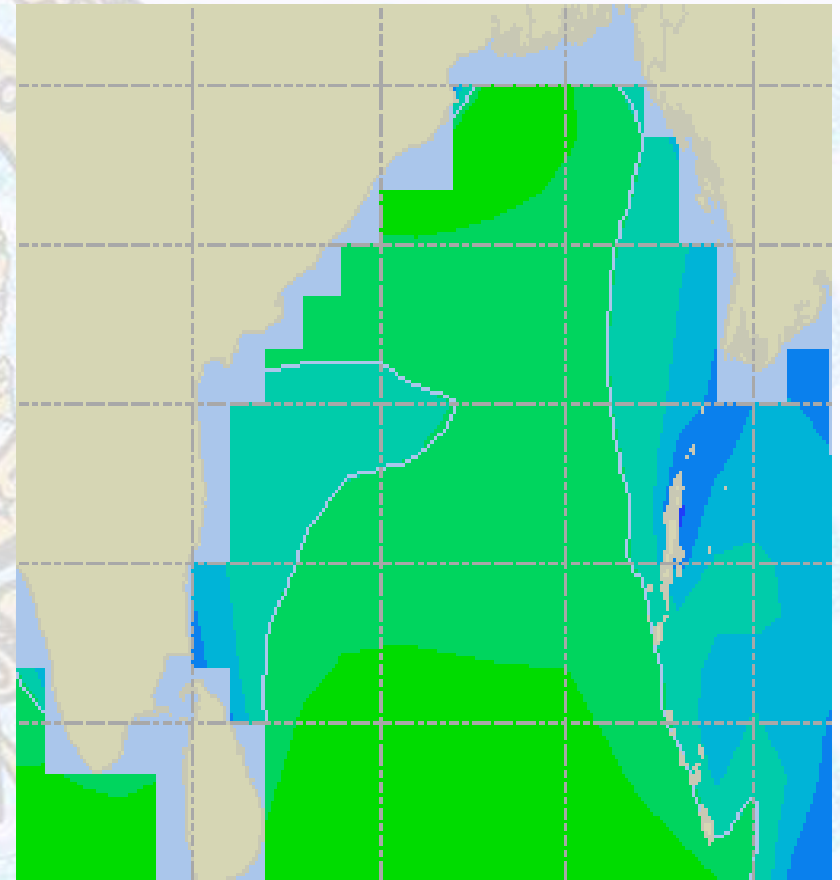
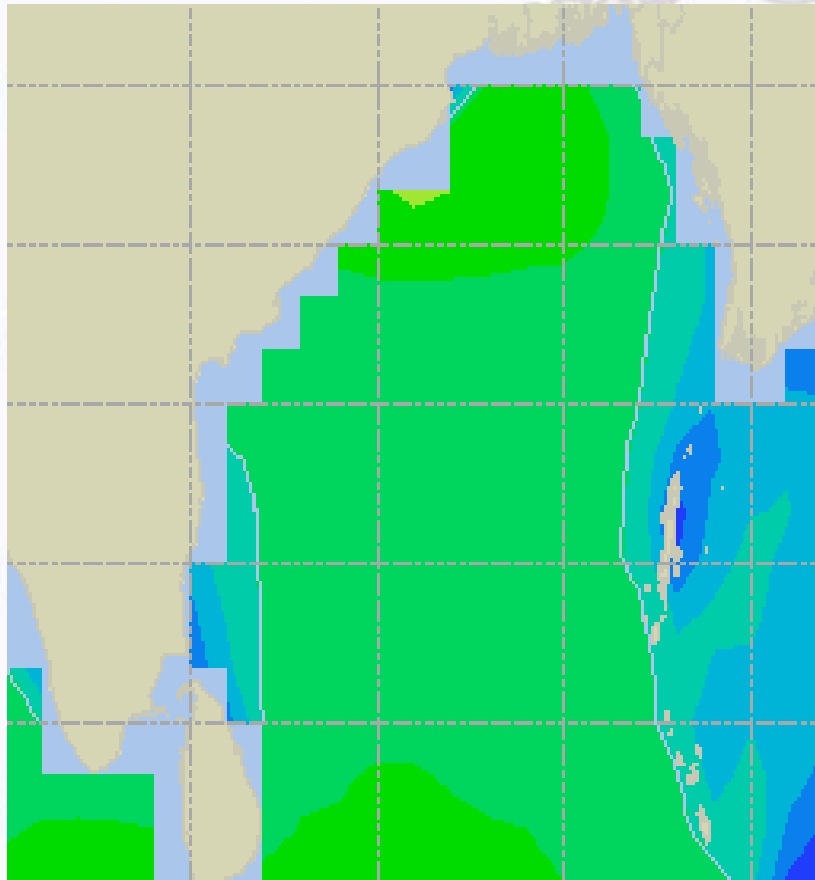




# Sea State Forecast - 17 Apr & 18 Apr- 2020

17 Apr 2020 Friday

18 Apr 2020 Saturday

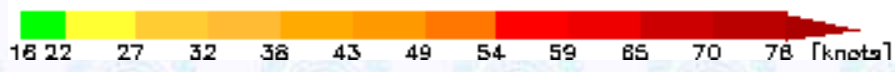
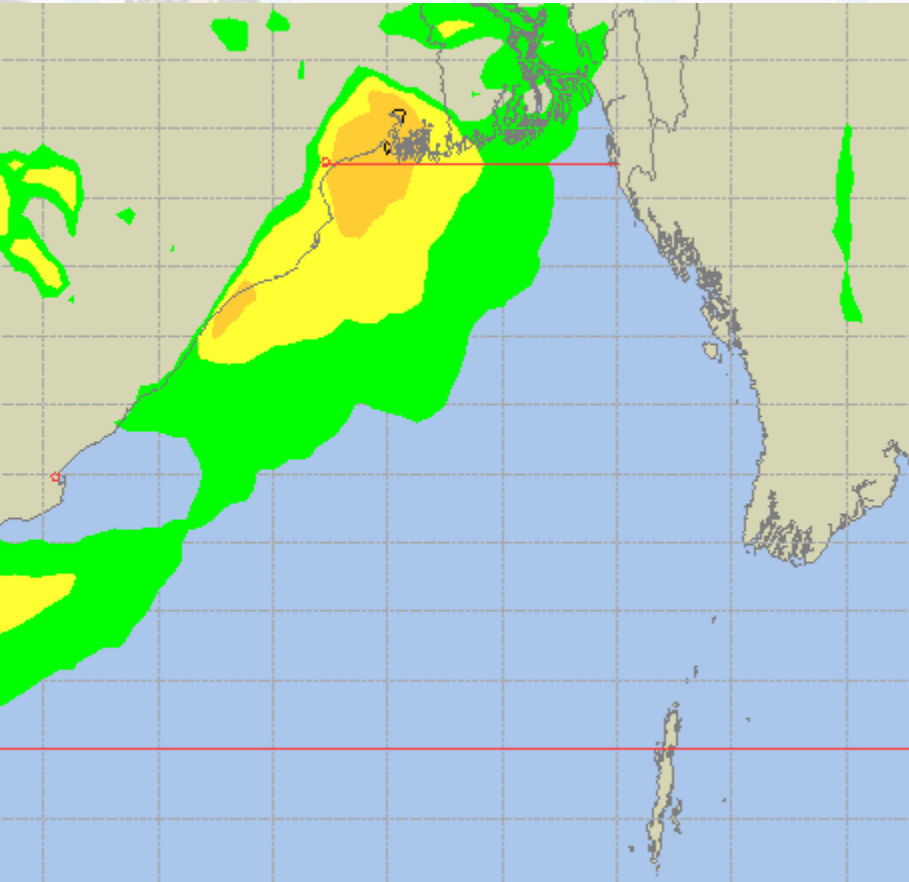
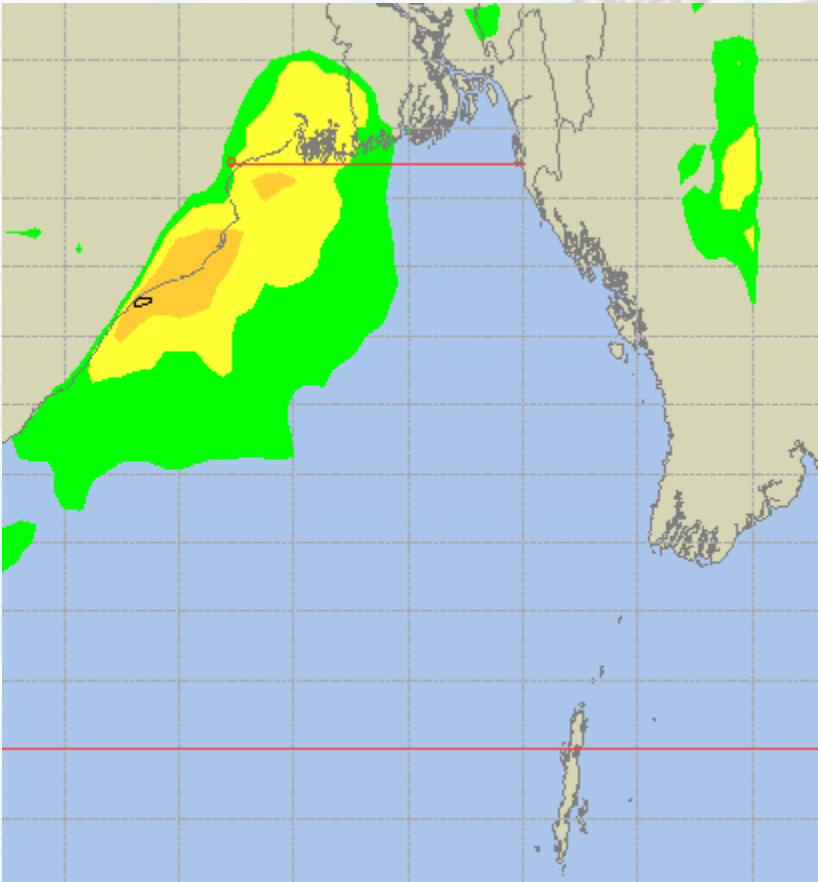




# Peak Gusting Possibilities – 16 & 17 Apr 2020

16 Apr 2020 Thursday

17 Apr 2020 Friday

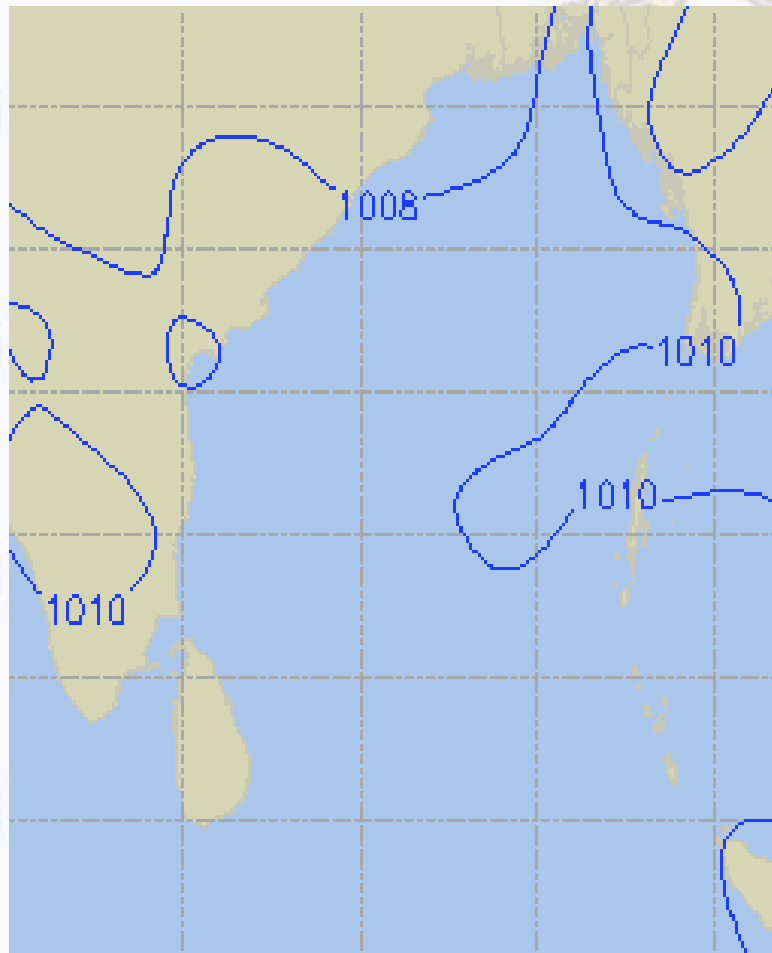




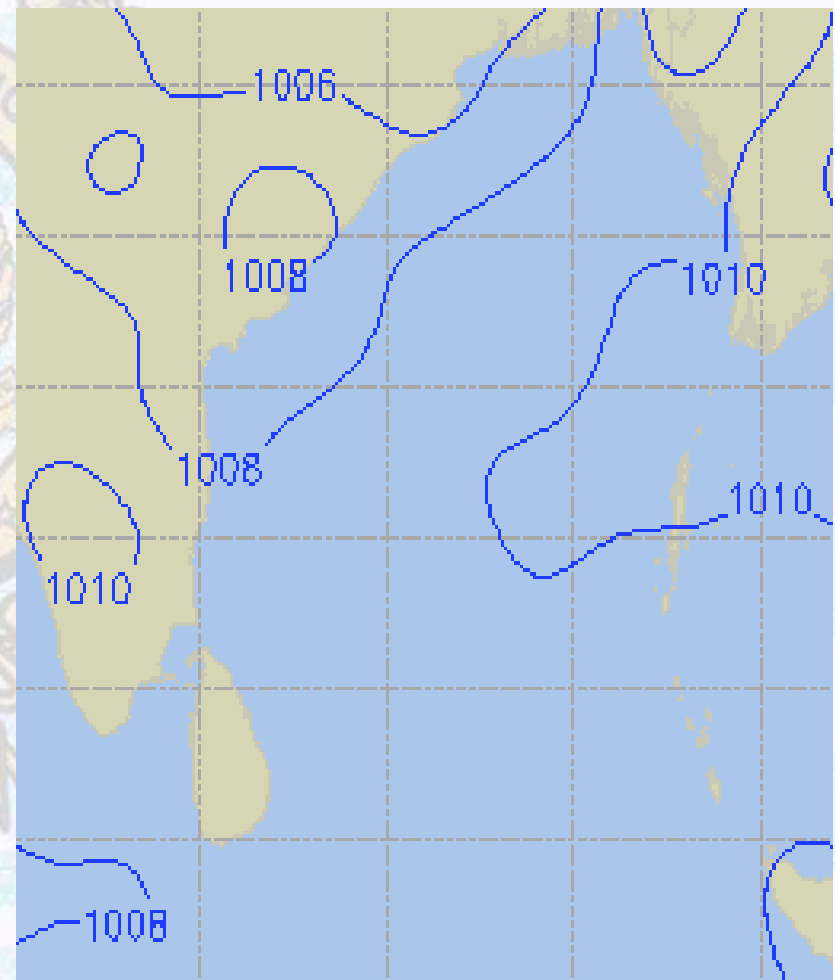


# Surface Pressure forecast – 16 & 17 Apr 2020

16 Apr 2020 Thursday



17 Apr 2020 Friday

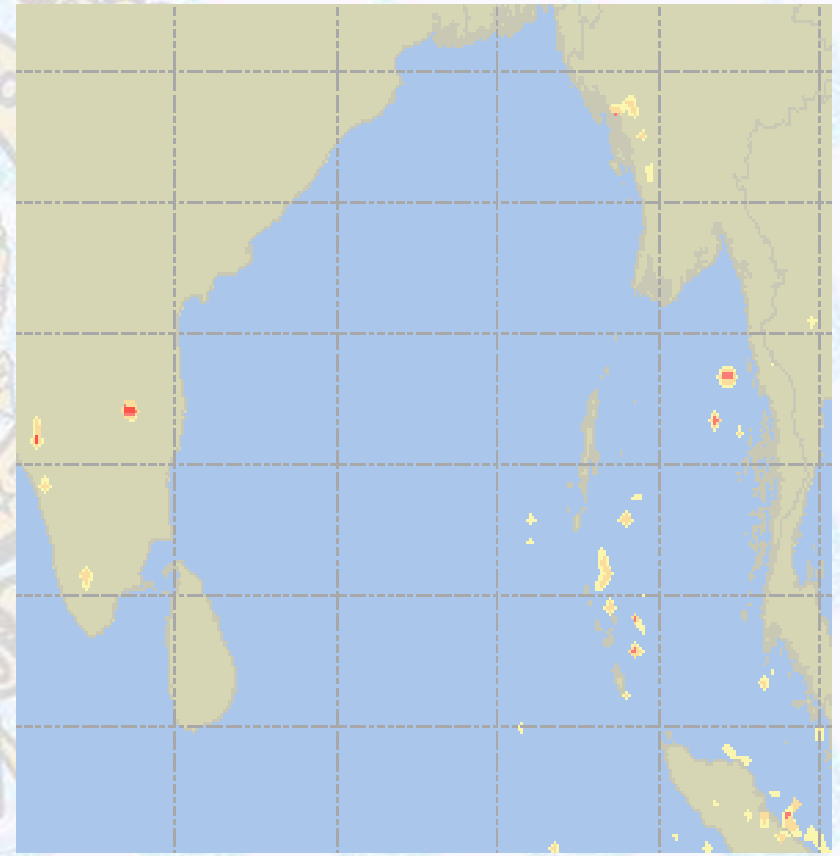
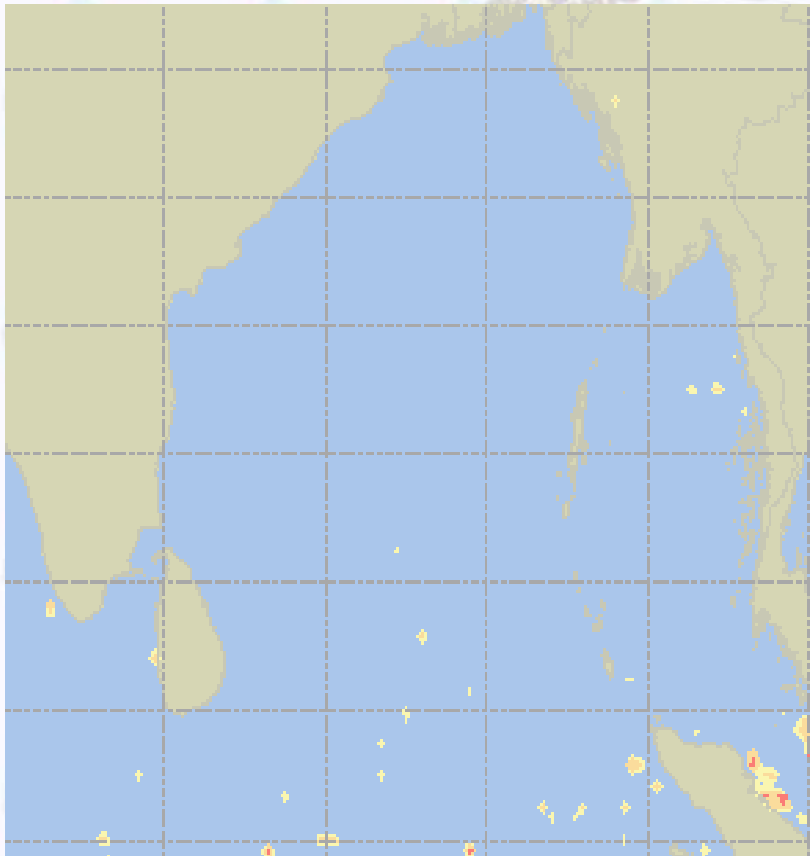




# Visibility at Sea Forecast – 16 & 17 Apr - 2020

16 Apr 2020 Thursday

17 Apr 2020 Friday



**Visibility Scale:**



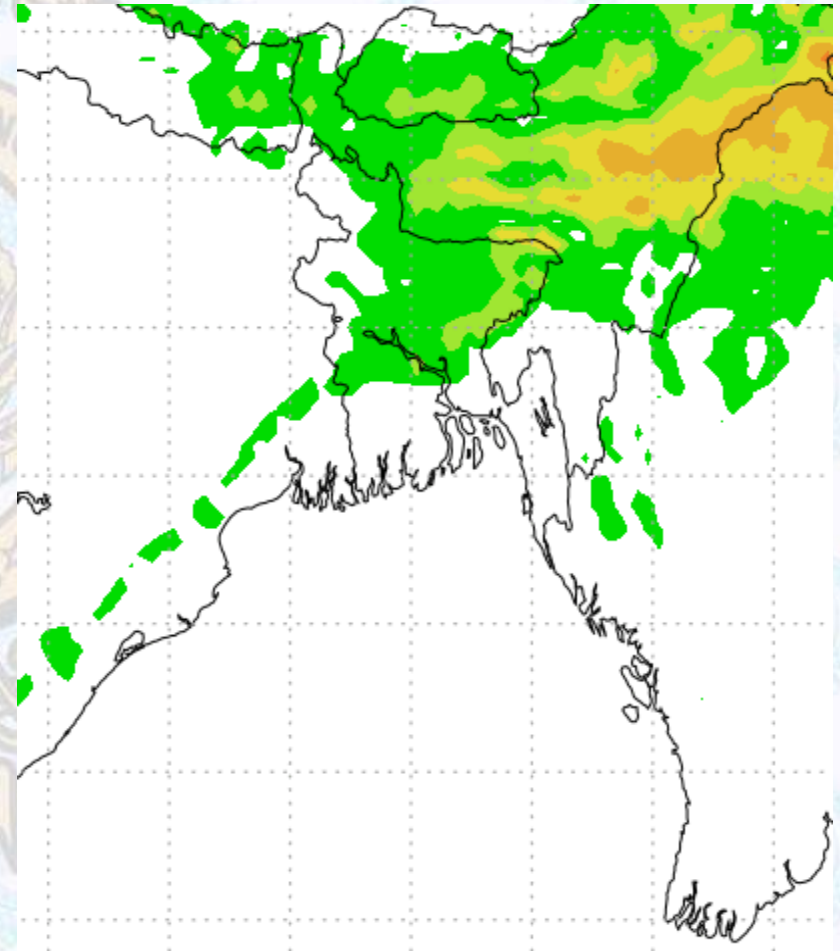
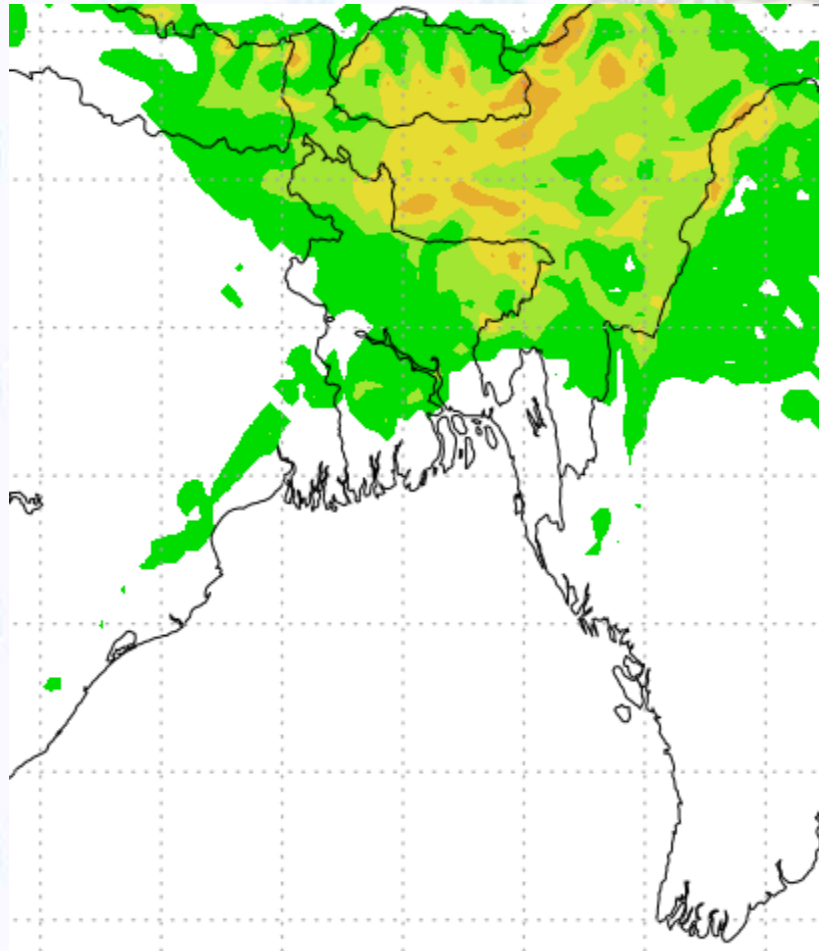
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



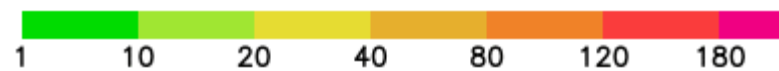
# Precipitation

Rain(mm) 16 & 17 Apr 2020

Rain(mm) 17 & 18 Apr 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>16 Apr 2020</b>	0220	1.24		0456	2.14		0541	2.02
	0835	3.32		1129	1.15		1144	1.34
	1441	1.53		1742	2.37		1822	2.33
	2056	3.67		-	-		-	-
<b>17 Apr 2020</b>	0338	1.12		0045	1.12		0104	1.19
	0956	3.52		0649	2.18		0722	2.15
	1602	1.38		1308	1.15		1315	1.26
	2206	3.80		1913	2.44		1936	2.43
<b>18 Apr 2020</b>	0439	0.95		0200	1.02		0204	1.04
	1052	3.81		0801	2.40		0820	2.36
	1701	1.15		1422	1.03		1417	1.11
	2259	3.98		2015	2.62		2027	2.55